PHOTOGRAMMETRY AND REMOTE SENSING

ISPRS Journal of

PHOTOGRAMMETRY AND REMOTE SENSING

ELSEVIER

Volume 83 September 2013

(Abstracted/indexed in: AGI's Bibliography and Index of Geology; ASI/Geo-Sci Tech; Cambridge Scientific Abstracts; Current Contents/ Engineering, Computing & Technology; Geo Abstracts; GEOLINE; Engineering Index; INSPEC; PASCAL; Research Alert Direct. Also covered in the abstract and citation database SciVerse Scopus®. Full text available on SciVerse ScienceDirect®)

CONTENTS

Automatic extraction of building roofs using LIDAR data and multispectral imagery
M. Awrangjeb, C. Zhang and C.S. Fraser 1
Error analysis of satellite attitude determination using a vision-based approach
L. Carozza and A. Bevilacqua 19
A modified stochastic neighbor embedding for multi-feature dimension reduction of remote sensing images
L. Zhang, L. Zhang, D. Tao and X. Huang 30
Classifying a high resolution image of an urban area using super-object information
B. Johnson and Z. Xie 40
Hyperspectral image noise reduction based on rank-1 tensor decomposition
X. Guo, X. Huang, L. Zhang and L. Zhang 50
Clustering based on eigenspace transformation – CBEST for efficient classification
Y. Chen and P. Gong 64
Backscattering of individual LiDAR pulses from forest canopies explained by photogrammetrically derived vegetation structure
I. Korpela, A. Hovi and L. Korhonen 81
Estimation of soil moisture using optical/thermal infrared remote sensing in the Canadian Prairies
P. Rahimzadeh-Bajgiran, A.A. Berg, C. Champagne and K. Omasa 94
Performance of dense digital surface models based on image matching in the estimation of plot-level forest variables
K. Nurminen, M. Karjalainen, X. Yu, J. Hyyppä and E. Honkavaara 104
A protocol for improving mapping and assessing of seagrass abundance along the West Central Coast of Florida using Landsat TM and EO-1 ALI/Hyperion images
R. Pu and S. Bell 116
Automated detection of slum area change in Hyderabad, India using multitemporal satellite imagery
O. Kit and M. Lüdeke 130

Theme Section: Towards Intelligent Geoprocessing on the Web
Editorial - Theme section "Towards Intelligent Geoprocessing on the Web"
S. Li, S. Dragicevic, B. Veenendaal and M.A. Brovelli 138
Temporal logic and operation relations based knowledge representation for land cover change web services
J. Chen, H. Wu, S. Li, A. Liao, C. He and S. Peng 140
Intelligent services for discovery of complex geospatial features from remote sensing imagery
P. Yue, L. Di, Y. Wei and W. Han 151
Adaptive geo-information processing service evolution: Reuse and local modification method
H. Li and B. Wu 165
Semantic orchestration of image processing services for environmental analysis
É. Ranisavljević, F. Devin, D. Laffly and Y. Le Nir 184
Moving code – Sharing geoprocessing logic on the Web
M. Müller, L. Bernard and D. Kadner 193

0924-2716(201309)83:C;1-K

http://www.elsevier.com/locate/isprsjprs